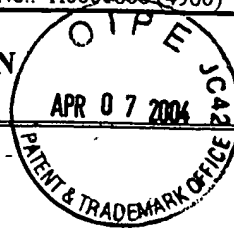


DECLARATION FOR PATENT APPLICATION SOLE OR JOINT



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention titled:

Layered Circuit Boards and Methods of Production Thereof

the specification of which is attached hereto unless the following box is checked.

☐ was filed on _____ as United States Application Number or PCT International Application
Number _____ and was amended on _____ (If Applicable).

COPY

I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS.

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION THAT IS MATERIAL TO THE PATENTABILITY OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Pri r Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications listed below and, INsofar AS THE SUBJECT MATTER OF EACH OF THE CLAIMS OF THIS APPLICATION IS NOT DISCLOSED IN THE PRIOR UNITED STATES APPLICATION IN THE MANNER PROVIDED BY THE FIRST PARAGRAPH OF TITLE 35, UNITED STATES CODE, §112, I ACKNOWLEDGE THE DUTY TO DISCLOSE MATERIAL INFORMATION AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, §1.56(a) WHICH OCCURRED BETWEEN THE FILING DATE OF THE PRIOR APPLICATION AND THE NATIONAL OR PCT INTERNATIONAL FILING DATE OF THIS APPLICATION:

**

(Application Serial Number)	(Filing Date)	(STATUS: Patented, Pending, Abandoned)
(Application Serial Number)	(Filing Date)	(STATUS: Patented, Pending, Abandoned)

SEND CORRESPONDENCE TO:

Honeywell International Inc.

Law Dept. AB2

P.O. Box 2245

101 Columbia Road, Morristown, New Jersey 07962

DIRECT TELEPHONE CALLS TO:

Robert D. Fish (714) 449-2337

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR Yutaka DOI
 INVENTOR'S SIGNATURE *Yutaka DOI* Date December 22, 2000
 RESIDENCE Minnetonka, MN
 CITIZENSHIP USA
 POST OFFICE ADDRESS Honeywell International Inc.
PO Box 2245
101 Columbia Road
Morristown, NJ 07962-2245

FULL NAME OF SECOND JOINT INVENTOR _____
 INVENTOR'S SIGNATURE _____ Date _____
 RESIDENCE _____
 CITIZENSHIP _____
 POST OFFICE ADDRESS _____

FULL NAME OF THIRD JOINT INVENTOR _____
 INVENTOR'S SIGNATURE _____ Date _____
 RESIDENCE _____
 CITIZENSHIP _____
 POST OFFICE ADDRESS _____

FULL NAME OF FOURTH JOINT INVENTOR _____
 INVENTOR'S SIGNATURE _____ Date _____
 RESIDENCE _____
 CITIZENSHIP _____
 POST OFFICE ADDRESS _____

FULL NAME OF FIFTH JOINT INVENTOR _____
 INVENTOR'S SIGNATURE _____ Date _____
 RESIDENCE _____
 CITIZENSHIP _____
 POST OFFICE ADDRESS _____

FULL NAME OF SIXTH JOINT INVENTOR _____
 INVENTOR'S SIGNATURE _____ Date _____
 RESIDENCE _____
 CITIZENSHIP _____
 POST OFFICE ADDRESS _____

FULL NAME OF SEVENTH JOINT INVENTOR _____
 INVENTOR'S SIGNATURE _____ Date _____
 RESIDENCE _____
 CITIZENSHIP _____

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected herewith (List name and registration number).

(LIST SENIOR PATENT COUNSEL AND ATTORNEY HANDLING CASE WITH PATENT OFFICE REGISTRATION NUMBERS.)

Mary Ann Lemere

Name

32,160

Registration Number

Robert D. Fish

Name

33,880

Registration Number

Martin Fessenmaier

Name

46,697

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Shannon Morris

Name

42,909

Registration Number

David J. Zoetewey

Name

45,258

Registration Number

Bruce Fertel

Name

41,742

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Curt Brueske

Name

33,839

Registration Number

Sandra P. Thompson

Name

46,264

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

Name

Registration Number

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MARCH 27, 2001

CURTIS BRUESKE
15102 MINNETONKA INDUSTRIAL ROAD
MINNETONKA, MN 55345

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/28/2000

REEL/FRAME: 011420/0840
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
DOI, YUTAKA

DOC DATE: 12/22/2000

ASSIGNEE:
HONEYWELL ADVANCED CIRCUITS, INC.
15102 MINNETONKA INDUSTRIAL ROAD
MINNETONKA, MINNESOTA 55345

SERIAL NUMBER: 09752408
PATENT NUMBER:

FILING DATE: 12/28/2000
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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01-17-2001



EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of

101585603

attached original documents or copy thereof.

1. Name of conveying parties: 12/28/00

Yutaka Doi

Additional name(s) & party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: December 22, 2000

2. Name and address of receiving party(ies):

Name: Honeywell Advanced Circuits, Inc.

Internal Address: H0001800 (4960)

Street Address: 15102 Minnetonka Industrial Road

City: Minnetonka State: MN Zip: 55345

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 28, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Curtis Brueske

Internal Address: H0001800 (4960)

Street Address: 15102 Minnetonka Industrial Rd.

City: Minnetonka State: MN Zip: 55345

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

01/17/2001 AHMED1 00000027 09752400

01 FC:581

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert D. Fish

Name of Person Signing

R. D. Fish

Signature

December 28, 2000

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

JC654 U.S. PTO

09/752400



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ASSIGNMENT

Assignment before issue of Letters Patent

HW File H0001800 (4960)

WHEREAS, Yutaka Doi

(hereinafter "Assignor") have invented certain new and useful improvements in

Layered Circuit Boards and
Methods of Production Thereof

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell Advanced Circuits, Inc., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 15102 Minnetonka Industrial Road, Minnetonka, MN, 55345, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22nd day of December, 2000

Yutaka Doi

Yutaka Doi

_____ day of _____

_____ day of _____

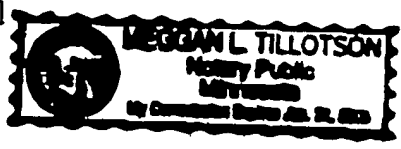
STATE OF Minnesota)
COUNTY OF Shannon) ss.:

On this 22nd day of December, 2000 before me personally appeared

Yutaka Doi

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he / she / they acknowledged to me that he / she / they executed the same.

[SEAL]



Megan L. Tillotson

Notary Public

My commission expires: 1-31-05

STATE OF _____)
COUNTY OF _____) ss.:

On this _____ day of _____, 19 _____ before me personally appeared

[inventor name here]

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he / she / they acknowledged to me that he / she / they executed the same.

[SEAL]

Notary Public

My commission expires:

STATE OF _____)
COUNTY OF _____) ss.:

On this _____ day of _____, 19 _____ before me personally appeared

[inventor name here]

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he / she / they acknowledged to me that he / she / they executed the same.

[SEAL]

Notary Public

My commission expires:

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